

### REMARKS

Claims 1-19 are pending in the application. Claims 1-19 stand rejected.

Applicant's claimed invention has been clarified herein including amending claim 1 to include some of the clarifying definitions found in claim 3. Claim 3 has been cancelled herein.

The specification was objected to for spelling and grammar. Corrections have been made herein. No new matter is entered. It is respectfully requested the rejection be withdrawn.

Claim 1 was objected to for a minor informality. As claim 1 has been clarified it is respectfully requested the objection be withdrawn.

Claims 1-5, 7-11 and 15 are rejected under 35 U.S.C. § 102(b) as anticipated by Gorshe et al. (U.S. 5,355,362) (hereinafter Gorshe). It is asserted in the Office Action that Gorshe shows each and every feature in these rejected claims.

Applicant's claimed invention includes "an integrated access device side terminating unit terminating a transmission signal sent from an integrated access device accommodating as a subscriber at least one of a telephone, a modem and ISDN and implementing a TR-008 interface,"

Also in claim 1 "a demultiplexing unit demultiplexing the terminated transmission signal into DS0 signals" and "a unit performing interface conversion of the demultiplexed DS0 signal from TR-008 to TR-303 or GR-303"

In the Office Action it is argued and equated that the subscriber described in Gorshe corresponds to the IAD of applicant's claimed invention.

However, in a system illustrated in Fig. 1 of Gorshe, the subscribers are connected to a RDT directly. That is, Gorshe does not teach or suggest the IAD accommodating subscribers

directly. As claimed by applicant "an integrated access device accommodating as a subscriber at least one of a telephone, a modem and ISDN and implementing a TR-008 interface."

Also, low-speed interfaces 310, 311 in Fig. 3 are interfaces for each of the subscribers. This is described in Col. 3, lines 42-52. One skilled in the art would not understand Fig. 3 to teach applicant's claimed invention thus Gorshe fail to teach or suggest "an integrated access device side terminating unit terminating a transmission signal sent from an integrated access device accommodating as a subscriber at least one of a telephone, a modem and ISDN and implementing a TR-008 interface", "a demultiplexing unit demultiplexing the terminated transmission signal into DS0 signals" and "a unit performing interface conversion of the demultiplexed DS0 signal from TR-008 to TR-303 or GR-303" of the claimed invention as recited in claim 1.

Further, Gorshe's descriptions of column 6, lines 29-31 cited in the Office Action does not teach or suggest that interface conversion between TR-008 and TR/GR-303.

One of the features of the present invention is that a gateway digital loop carrier device accommodates an IAD, which accommodates subscribers based on TR-008, and comprises a "terminating unit", a "demultiplexing unit" and a "conversion unit" as mentioned above.

According to applicant's claimed invention, the gateway digital loop carrier device is able to connect subscribers accommodated IAD having only TR-008 interface to a switch having only TR/GR-303 interface. Because Gorshe fails to teach every claimed feature Gorshe cannot anticipated applicant's claimed invention.

Claim 6 is rejected under 35 U.S.C. § 103(a) as unpatentable over Gorshe and claims 12-14 are also rejected as unpatentable over Gorshe in view of Paradyne Comsphere 6800 product

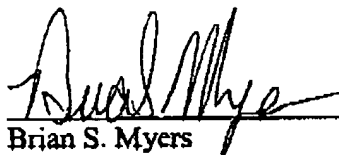
(literature reference). Claims 16-19 are also rejected as unpatentable over Gorshe in view of Paradyne Comsphere 6800 product literature.

Applicant's dependent claims include at least the distinguishing features of claim 1. In addition each includes additional elements patentable over the references. It is respectfully submitted that for at least the foregoing reasons the rejections should be withdrawn.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

  
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